APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/897,383	07/02/2001	Sachin G. Deshpande	SLA1068	8469

27518	7590	04/27/2005

DAVID C RIPMA, PATENT COUNSEL
SHARP LABORATORIES OF AMERICA
5750 NW PACIFIC RIM BLVD
CAMAS, WA 98607

EXAMINER
WANG, LIANG CHE A

ART UNIT	PAPER NUMBER
2155	

DATE MAILED: 04/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on *10 January 2005*.

2a) ☒ This action is **FINAL**.   2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
   closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *25-41* is/are pending in the application.

   4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *25-41* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

   Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

   Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   a) ☐ All   b) ☐ Some *   c) ☐ None of:

   1. ☐ Certified copies of the priority documents have been received.

   2. ☐ Certified copies of the priority documents have been received in Application No. _____.

   3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage
      application from the International Bureau (PCT Rule 17.2(a)).

   * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
   Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
   Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

1. This action is in response to Remarks/Arguments filed on 1/10/05.

2. Claims 25-41 are presented for examination.

3. Claims 1-24 are cancelled.

Response to Arguments

4. Applicant's arguments filed 01/10/05, have been fully considered but they are not persuasive.

5. In that remarks, applicant's argues in substance:

   a. That: Guedalia reference does not teach the newly added limitation, "parsing said initial part" of an image file "to identify any additional parts that may be needed to render a selection of said image file" (page 7)

      This is found not persuasive because Guedalia does teach, parsing said initial part to identify any additional parts that may needed to render a selection of said image file (Col 20 lines 10-14, "parsing the request" corresponds to "parsing the initial part", user sends a request by clicking on the initial layout of the image and when the request is parsed, the initial layout of the image is parsed; "accessing the necessary tiles" corresponds to the "identifying any additional parts", in order for the system to access the "necessary" parts, the "necessary" parts must be identified. Col 20 lines 31-33 user is making the selection from clicking on the image);

   b. That: Guedalia does not teach the element of "reading an image index file" (page 8).

This is not found persuasive because in Col 4 lines 4-6, Col 24 lines 24-33

of Guedalia, the "image map" corresponds to the "image index file" of the present

invention , and request is received from user's clicking action on such image map

to the server, which encompasses the scope of "reading an image index file".

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed
in the United States before the invention by the applicant for patent or (2) a patent granted on an application for
patent by another filed in the United States before the invention by the applicant for patent, except that an
international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this
subsection of an application filed in the United States only if the international application designated the United
States and was published under Article 21(2) of such treaty in the English language.

7. Claims 25-29, 33-38, 41 are rejected under 35 U.S.C. 102(e) as being anticipated by

Guedalia, US Patent Number 6,356,283, hereinafter Guedalia.

8. Referring to claim 25, Guedalia has taught a method for customized image display (figure

4), said method comprising the acts of:

  a. reading an initial part of an image file at a client (Col 20 lines 28-30, step 70 in

     figure 4), said file being hosted on a server (Col 20 lines 26-27, image is sent to

     the client from server);

  b. parsing said initial part to identify any additional parts that may needed to render

     a selection of said image file (Col 20 lines 10-14, "parsing the request"

     corresponds to "parsing the initial part", user sends a request by clicking on the

     initial layout of the image and when the request is parsed, the initial layout of the

image is parsed; "accessing the necessary tiles" corresponds to the "identifying

any additional parts", in order for the system to access the "necessary" parts, the

"necessary" parts must be identified. Col 20 lines 31-33 user is making the

selection from clicking on the image);

    c. requesting said additional parts from said server when said additional parts are

needed (Col 20 lines 10-14, accessing the "necessary" parts);

    d. displaying said selection of said image file at said client (Col 20 lines 14-16).

9. Referring to claim 26, Guedalia has further taught wherein said displaying is performed

via a client image interface (Col 20 lines 27-31, browser corresponds to the image

interface) and further comprises allowing selection of an image customization selection

via said client image interface (Col 20 lines 10-16, Figure 4 steps 72-94).

10. Referring to claim 27, Guedalia has further taught, parsing supplementary image parts of

said image file to determine which parts are required to display said image customization

selection and requesting said required image parts (Col 20 lines 10-14, accessing the

necessary parts.)

11. Referring to claim 28, Guedalia has further taught wherein the size of said initial part is

relative to the bandwidth of the connection between said server and client (Col 16 lines

34-44).

12. Referring to claim 29, Guedalia has further taught wherein said initial part comprising

data selected from the group consisting of quality data (Col 16 lines 34-44, resolution),

scalability data (Col 16 lines 45-51, zooming), resolution data (Col 16 lines 34-44,

resolution) and region-of-interest (ROI) data (Figure 2).

13. Referring to claim 33, Guedalia has taught a method for interactive customized image
transmission. said method comprising the acts of:

    a.   reading an initial part of an image file at a client (Col 20 lines 28-30, step 70 in

        figure 4), said file being hosted on a server (Col 20 lines 26-27, image is sent to

        the client from server);

    b.   parsing said initial part to identify any additional parts that may needed to render

        a representation of said image file (Col 20 lines 10-14, "parsing the request"

        corresponds to "parsing the initial part", user sends a request by clicking on the

        initial layout of the image and when the request is parsed, the initial layout of the

        image is parsed; "accessing the necessary tiles" corresponds to the "identifying

        any additional parts", in order for the system to access the "necessary" parts, the

        "necessary" parts must be identified. Col 20 lines 31-33 user is making the

        selection from clicking on the image);

    c.   requesting said additional parts from said server when said additional parts are

        needed (Col 20 lines 10-14, accessing the "necessary" parts);

    d.   displaying said representation of said image file at said client through a client

        image interface (Col 20 lines 14-16, 27-31, "browsers" corresponds to the "image

        interface");

    e.   receiving an image customization selection of said image via said client image

        interface (Col 20 lines 27-31, step 72 in figure 4);

      f.   parsing supplementary image parts when said initial part and said additional parts

          do not contain sufficient information to identify any subsequent parts that may be

          needed to render said customization of said image file (Co l 20 lines 10-14);

      g. receiving sai customization of said image at said client (steps 84-86 in figure 4).

14. Referring to claim 34, Guedalia has taught a method for customized image transmission,

    said method comprising the acts of:

      a. reading an image index file from a client said index file being hosted on a server

         along with an associated image file, and said index file comprising a map of

         components of said image file (Col 4 lines 4-6, Col 24 lines 24-33, the "image

         map" corresponds to the "image index file");

      b. determining, at said client using said index file data, the parts of said image file

         that are required to display a selected part of said image file (Col 24, lines 25-33);

      c. requesting transmission of said selected parts from said sever to said client (Col

         24 lines 31-33).

15. Referring to claim 35, Guedalia has further taught, displaying said selected part of said

    image file at said client (Col 20 lines 14-16).

16. Referring to claim 36, Guedalia has further taught wherein said displaying is performed

    via a client image interface (Col 20 lines 27-31, browser corresponds to the image

    interface) and further comprises allowing selection of an image customization selection

    via said client image interface (Col 20 lines 10-16, Figure 4 steps 72-94).

17. Referring to claim 37, Guedalia has further taught, accessing said index file to determine image parts of said image file that are required to display said image customization selection and requesting said required image parts (Col 20 lines 10-16).

18. Referring to claim 38, Guedalia has further taught, displaying said image customization selection a said client (step 70 in figure 4).

19. Referring to claim 41, claim 41 encompasses the same scope of the invention as that of the claim 25. Therefore, claim 41 is rejected for the same reason as the claim 25.

Claim Rejections - 35 USC § 103

20. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

21. Claims 30-32, 39-40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Guedalia in view of Applicant Admitted Prior Art.

22. Referring to claims 30 and 39, Guedalia has taught methods described in claims 25 and 34, and Guedalia has further taught wherein said image file is a JPEG image file (Col 4 lines 23-26.)

Although Guedalia does not explicitly disclosed the JPEG image file is a JPEG2000 image file. However, AAPA has disclosed the use of JPEG2000 image file is a known image compression standard which is used to support large images before the time the invention was made (page 2, Background section, lines 8-9.)

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to incorporate the JPEG2000 image file standard of AAPA in

Guedalia such that Guedalia would have benefited from using the JPEG2000 standard instead of its JPEG standard, because Guedalia has taught the use of JPEG image file for his customizing method.

A person with ordinary skill in the art would have been motivated to make the modification to Guedalia because standards were established for developers and program designers to use and follow, it would be obvious for Guedalia to use the JPEG2000 standard because Guedalia has taught the use of JPEG standard, and JPEG2000 standard provides a more specific features as described in AAPA page 2-4.

23. Referring to claim 31, 32, and 40, claims 31, 32, and 40 discloses the special features of JPEG2000 standard, which is admitted by the applicant as the prior art which is already know to any person with ordinary skill in the art (see page 2-4), therefore claims 31, 32, and 40 are rejected over Guedalia in view of AAPA.

Conclusion

24. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the

advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

25. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Liang-che Alex Wang whose telephone number is (571)272-3992. The examiner can normally be reached on Monday thru Friday, 8:30 am to 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T Alam can be reached on (571)272-3978. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Liang-che Alex Wang 𝓛𝔀)
April 20, 2005
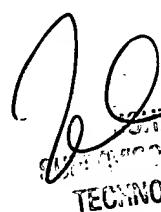
FOLLANSBEE
PRIMARY PATENT EXAMINER
TECHNOLOGY CENTER 2100